

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/554,173
Source: IFWP
Date Processed by STIC: 1/16/07

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

DATE: 01/16/2007

PATENT APPLICATION: US/10/554,173

TIME: 15:22:39

Input Set : A:\Sequence Listing 514862002400.txt

Output Set: N:\CRF4\01162007\J554173.raw

3 <110> APPLICANT: SWETREE TECHNOLOGIES AB
 4 HERTZBERG, Magnus
 6 <120> TITLE OF INVENTION: Tissue specific promoters
 8 <130> FILE REFERENCE: 514862002400
 10 <140> CURRENT APPLICATION NUMBER: 10/554,173
 C--> 11 <141> CURRENT FILING DATE: 2005-10-21
 13 <150> PRIOR APPLICATION NUMBER: PCT/SE2004/000604
 14 <151> PRIOR FILING DATE: 2004-04-20
 16 <150> PRIOR APPLICATION NUMBER: SE0301233-3
 17 <151> PRIOR FILING DATE: 2003-04-28
 19 <160> NUMBER OF SEQ ID NOS: 5
 21 <170> SOFTWARE: PatentIn version 3.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 1093
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Populus tremula x tremuloides
 28 <400> SEQUENCE: 1
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 31 ttttcattga taatatttcc aatattttaa attaaatggt catcatcatt cgattaattc 120
 33 acaatattta gtcctgtcta atcatagaaa tcttgtctcc gtacatgaaa gttgattaaa 180
 35 aataaataag ttattaatct tattagttaa tttgatgtat tgattcatga gtttagtaga 240
 37 tttatccatc aaatctaata tgtatttttt tagtttttgg ttcattgatt tttctaattg 300
 39 ttttttttatt ttactatttt tcagtattgr attgttttaa aaataaaaatt tatagtttat 360
 41 tttttttttc tatagagcta tcactatctc aataaataatc ttttttagagt tgggtgttga 420
 43 ttttgtaaac atcaaatttt atcataaaat taaataaaaa taattttataa aaacaacaaa 480
 45 gtttaaacct attgaaatct ataaccacag tcacaaagtt accaaaactt atttaatttg 540
 47 gtatcatctc aataataatt aaaaaattat tgttttaatt ttttttttaa tctatcatat 600
 49 ttttaactaat tattttaaatt atctttgaac ttattaaatt aaatttrttca tgcttgtag 660
 51 agaaaatatt ctactaataa ataacttttg tcactactaag tcatgaaaaa tgtgatcttt 720
 53 aatgatacaa gaacagaagt ccaaaagcag ggggggtaaa gaaagggaga ggttgccat 780
 55 atatttgccct tacacttact ctacaaggaa ctttttgac ctaatgagcg taataaatag 840
 57 tatagcayga tagcaatagc acaatagctc agaaatgata tagcttctaa ctaatataga 900
 59 agacaacacg agcccaagat gtttagccctc caacttatgc caccctaacc tgcgtttata 960
 61 ctctaaaaag ataaatgtag aaaaaaagtg aaacctaac tgtacatggc tttagcttta 1020
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 70 <212> TYPE: DNA
 71 <213> ORGANISM: Populus tremula x tremuloides
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 76 tatttttttaa catttattaa attaaatgga ctaggactat acatacctta tctatgatgt 120

Does Not Comply
Corrected Diskette Needed

see p. 3

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Input Set : A:\Sequence Listing 514862002400.txt

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80 ttattttttt tatgttttca aatcgttttg atgtgctgat atcaaaaata attttgaaaa 240
82 aaatatatat tattttgatg tatttttgaa taaaaaatac tttgaaaaac aactgggttat 300
84 tacagtctca aacactccta gtagtcttag gcatagttta aaactcagtc cgacctggcg 360
86 ggtcgacttg ggactggaac cgggccgagt taaagaaaaa aataaaaaaa gaaaaaactt 420
88 ggtgtgacct ggtgactcgg ttgacccaga tgcaacccat tgatttttgt tttttttaa 480
90 ctaaaattac attgttttgc tttttttaa aaaaaattg acccgtaaaa cctgggtcaaa 540
92 acccggaatc gaggtcttgg accgggacgg gtctaaaaac tatgatcttt ggtcaatata 600
94 ttaagacaac aagggtcaaat taaagggtaa tcaaaggaga gttttttttt ggttggttg 660
96 ttggttttgg acctaatacat acaatcataa aataatcatg gatcaaaatg taggtaattc 720
98 aatcatggtg tgtaatagat tttttatatg atcatgtgtc accagctagg tctttttcca 780
100 aaattctaac aagaggttgg tatatgtaat aaaattatct ttaaacagac acaacccaca 840
102 cctctataa ttaactttaa caacaagtta atataaaaca attttttttt tttgtctaaa 900
104 tatattttgc tgaygggtag catcccacca actatctggt gcagatagca actcaagtcc 960
106 ttcccaataa acacattttt ccatgattcc tttcacttca agtgacaact aaacgaagca 1020
108 aagcctcgtc aaattaaaaa aaaaaaaaaa agggttccga ataatacataa tgtggctttt 1080
110 gagtttgcca gtacctgtca tcgaccrgtt agcttcaacc tccgcaaaaa aacatacagc 1140
112 ttcgctataa aacaactcct tgtttattaa ttgttgtctt ccacrtctct caatctctct 1200
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119 <212> TYPE: DNA
120 <213> ORGANISM: Populus tremula x tremuloides
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127 agaatttact attaattata cctctataag cagagacata atattctctt ttgagaaaca 180
129 aaatattact ataattgata ttccaacaaa aaaacaaatc aatctcttta ttttagaaag 240
131 taaaataact tataattggt cataattggt tgtagatgga cgtcatgttt gtcgggggta 300
133 gacgcctctc tggttaaaat aaaaataaaa aataattttc taatcttatc caaaatttgt 360
135 aacctctgyc aactgaaata tagtattctt agaattgata ttttaaatga aatccaaatg 420
137 cttagaattt atttttagcca tgttgatgag aaagtcaagc accccattaa ataaaataaa 480
139 ataaaataaa aaattacaag gtaattatgc acctagaaat ttttattttt ttaatataat 540
141 aataccctt tctgactgga aaaggctgcg aggttgatcat tcacacaaca aatatcagct 600
143 atttcaggat ccatcgcat actcgcaatc ttcacattta gcaaaatcag agcagcgtat 660
145 gccctgtttt tttcaccttt ttatcgcat aatcctagag acgaacagtg tttattgttt 720
147 ttctcttaat atttgacctt ttcacttatt ygaaaagtca aatgttaatt tccaccgagc 780
149 tttatcctgt aaatagcgtg tttaatgccg gctgtaaaata agatagatga tcgattttgt 840
151 atttacattc tcttatctta gacggaaagt tattaaaaaa ataaaataaa atagaaacct 900
153 acctaagatg tgaactcttg gcgtctctag ctgtttctgt ctctagaaca acctctacga 960
155 gtatagccga agcatatcct agcaagcttg aaccatatct actacctccc tccccgctat 1020
157 atatatataa accactcttc ttctagaaa aaaaataacc ctcgatcttt ctttcttgtg 1080
159 cttatgttga ttttgtttga ttttcatata tcatgagcaa tataccaaga tct 1133
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163 <211> LENGTH: 1807
164 <212> TYPE: DNA
165 <213> ORGANISM: Populus tremula x tremuloides
167 <220> FEATURE:
168 <221> NAME/KEY: misc_feature

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RAW SEQUENCE LISTING

DATE: 01/16/2007

PATENT APPLICATION: US/10/554,173

TIME: 15:22:39

Input Set : A:\Sequence Listing 514862002400.txt

Output Set: N:\CRF4\01162007\J554173.raw

169 <222> LOCATION: (616)..(616)

170 <223> OTHER INFORMATION: unknown amino ? This is a nucleotide sequence.

173 <400> SEQUENCE: 4

174	gatgcaaaaag	ctggaatgag	aatgcgctaa	atgcgaaaaag	acagagagag	cgaataaaatc	60
176	gtgcaaaaaa	aggagtggg	tgggtaacgg	gttgagctag	aagaagaaaa	gggacaagt	120
178	cacttttagga	ggggggcaac	cagagcgtag	atgataatgg	ttcatgtgga	aacaacacac	180
180	atgagcagtt	ggtgagaact	tgaatgaacc	ctaacagccc	aaccaaacc	ggagccaccc	240
182	ttaccgaacc	accacttcta	aaagtacacc	atgccttttt	cttgagcytg	gttgacacagg	300
184	gtgccrpgtg	gggtgtttc	gttttgggta	atcatgcat	agtttaaata	cctttgcgat	360
186	aatcatatca	atggygactt	ttaagcacat	gttaggtgct	cggttcttat	ctaaacatgg	420
188	acatggcmac	aagagttaat	gctaaaataa	tatacgtaca	tacctgtgaa	tgaatcgctg	480
190	ctgtcttctg	attatggctt	caaattaata	tgagataaaa	caagtgtcga	tttttcagtg	540
192	aagattttat	gaaagtgcgc	gttctcctta	agattacctg	tgaatgaatc	atccctgtca	600
W--> 194	ggctgatcct	gggtgntttt	tccccatgrt	gttcggaaga	tataattata	taaatgatgg	660
196	aattttacatg	aaataagttt	cagtacattc	ttagcagaaa	agcaatatcg	acgaagacaa	720
198	atgatgctgt	ttaagacaaa	ctggggtaat	atcaatttac	tagtaagaga	tttgkctgct	780
200	tttcttaatt	ctcaagaaac	ttcactaaa	atgcacagcc	atgttaaaca	atttacgttc	840
202	aacttaaaaa	ctaaaactgc	aggatgggta	gctatccaag	aatgattaat	aaacgatttt	900
204	aacaaagaac	tacgtttttt	gtaaaactaa	ttttgatggg	catgtagtta	acaagtattt	960
206	gtcattgatc	aattcaagag	ccatgtctgc	atcataattg	tgggagtgga	ggaggctttt	1020
208	gttgctaggg	aaggaatgcc	ttcttagttc	atggctttgg	acttcggaca	aggagcgcat	1080
210	agaatggggt	taccattttt	gaaaaaaatt	acatttgaac	cctccaacta	ttatcatgta	1140
212	tgtttaaatc	acaatcctcg	tccgctagaa	gaagtgtggg	ttcaaagtca	tccgctcaat	1200
214	gtaaaccatg	gagaggcagg	gactaattga	aaatagtatg	ttagttggag	ggtctgcatg	1260
216	tattatgtcc	aaacattctc	ttattattcc	tgtatcatct	ctgagaaatt	catccgaaaa	1320
218	taataaaaaca	aatggcctt	ttttaaaaaa	agaagctgat	gcataggata	ccaaaagcgc	1380
220	cttgtccatt	aggagcgtca	gactttgaaa	ataagaccaa	taattccctg	taagctatca	1440
222	tctcatcttt	tattttgttt	gaacttgtag	acgtaggctt	taagcgttcc	atgatgttca	1500
224	gtcacatggt	gctgtctact	tgattatgga	atttaattca	ttcggctcat	aagaagataa	1560
226	aaggattatg	acgttgaaga	actctgggtca	ctccttactt	acggtcacat	aaaaacgatg	1620
228	catctttccc	caccaaccat	cttcaagtga	acccactttc	ccttgcatta	ggtaaggagt	1680
230	atgggttaag	tcactttcat	gaaattagtc	ccctagtggg	gctaattcta	ctcactccat	1740
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234	tcttctc						1807
237	<210>	SEQ ID NO: 5					
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239	<212>	TYPE: DNA					
240	<213>	ORGANISM: Populus tremula x tremuloides					
242	<220>	FEATURE:					
243	<221>	NAME/KEY: misc feature					
244	<222>	LOCATION: (337)..(337)					
245	<223>	OTHER INFORMATION: unknown amino same error					
248	<400>	SEQUENCE: 5					
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251	cgttgtgtga	agatttttga	agggcaccag	cacaactttg	aaaagaactt	gtgaaaagat	120
253	agctggtcac	catagtggaag	caagggtact	agtgcagatc	gcatggctta	tatatgaatc	180
255	tgtcaatgag	tgtgtcttcc	acctactgaa	cctatctttg	gatcatgcag	cagcgacaaa	240
257	cagattttatc	ttggggaaat	ctgattacta	ttttgtcagt	ttgcttaaaa	cgagttgtta	300
W--> 259	gtaacagtga	ggatattycg	gggcttgctt	gtgagcnccc	aacagaaaag	attaaacagg	360

RAW SEQUENCE LISTING

DATE: 01/16/2007

PATENT APPLICATION: US/10/554,173

TIME: 15:22:40

Input Set : A:\Sequence Listing 514862002400.txt

Output Set: N:\CRF4\01162007\J554173.raw

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261 ttgtaatgga tactatgtta cattttactt aacttttctca taccctgctg acatgtttgc 420
263 agttcttttt tgcttggttg cgatcctttt caactgaagt atgtacgcat gaatcaatta 480
265 gctcaaaatg tatgttcgag caatatgcct ggtgaatggt tggttaagata cggaaaatta 540
267 agttactgaa cttgtactct ttgattttga aacaagtttc cgactatggt cattgtccta 600
269 gcacggtgat attgatacgt cgaattttca actatttttg tcttggtttc aactattttct 660
271 gtcttgattt tcaaaagtctt tttgaaaata aaaaacccaa aaatatgttt tcagtgtctt 720
273 gttagctaaa tctgttgtag aaccaagcct ccccgacttg ctttgtgaaa aagaaagatg 780
275 ggagctgggg gttttgtggt gattatacaa aaccttacga gataactgat atacaagcaa 840
277 aaacaccctc atattattga atctgcgact tctacagttc atttctgagg aagaattagg 900
279 tgactacttt ctggactaga tatttccgtg ttcaatgcgt cgcaacaatt gatttggttg 960
281 ctggattatg aacatgataa tcacactata gaaagacgac gattatattt caagctatgg 1020
283 acaatgatgt tacctgctcg aagatcaata cgcttgaagg ccaagatatg atcascaggt 1080
285 atgcaggcag tccagatggc ttcttgggat atgagcttca agattgttct tgaaaagaac 1140
287 caaataaatt gtaaaattct ctgggaatat ttttttgtaa aattatcagc attgctattt 1200
289 tttttttcaa attcatttaa atattgctat tgggttagta gttcagcgca attaacttag 1260
291 ctggcagtct ggcattagct tcaaatcata tcacaacgtt aaaagcagcc gttgcaacta 1320
293 gtcagcccac tagcatttgc tggtgaccaa tcagatcata aaaggaaaaac tagccgttgg 1380
295 caaacctctt ttcaacggtc atctccctgc ttcagatgat atatgcttag atatcccagt 1440
297 atccccctca acaaattatc tcaatcttca aaaccagtc cccagttaca gcag 1494

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/16/2007
PATENT APPLICATION: US/10/554,173 TIME: 15:22:41

Input Set : A:\Sequence Listing 514862002400.txt
Output Set: N:\CRF4\01162007\J554173.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 616

Seq#:5; N Pos. 337

VERIFICATION SUMMARY

DATE: 01/16/2007

PATENT APPLICATION: US/10/554,173

TIME: 15:22:41

Input Set : A:\Sequence Listing 514862002400.txt

Output Set: N:\CRF4\01162007\J554173.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600

L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300